

GUJARAT TECHNOLOGICAL UNIVERSITY
B. E. - SEMESTER – IV • EXAMINATION – WINTER 2012

Subject code: 142902**Date: 28/12/2012****Subject Name: Weaving - II****Time: 02.30 pm - 05.00 pm****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) Explain with the help of neat diagram the Climax – Double Lift Double Jack Dobby. **07**

(b) Explain with a neat diagram the Eccle's Drop Box Motion. **07**

Q.2 (a) Write in detail the features of high speed beam warping machine. **07**

(b) Describe in detail with a neat sketch Hitchon's measuring and stopping motion. **07**

OR

(b) Explain in detail the Climax Cross Border Dobby. **07**

Q.3 (a) Explain in detail the different knotting machines for warp. **07**

(b) Explain in detail with neat diagram the filament sizing machine. **07**

OR

Q.3 (a) Explain in detail with neat diagram the beam to beam sizing machine. **07**

(b) Explain in detail the modern developments in warping. **07**

Q.4 (a) Explain in detail with a neat diagram the CAM Dobby. **07**

(b) Explain in detail with neat diagram the 6x1 circular box motion. **07**

OR

Q.4 (a) Explain in detail with a neat diagram the single end filament sizing. **07**

Q.4 (b) Explain in detail with a neat diagram Knowles Positive Dobby. **07**

Q.5 (a) Explain in detail with a neat diagram the Staubli Positive Dobby. **07**

(b) Explain in detail with a neat diagram the Pick-at-will motion. **07**

OR

Q.5 (a) Explain in detail the 2x1 Box motion with a neat diagram. **07**

(b) Explain in detail the sectional warping machine with a neat diagram. **07**
